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(54) Title: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-1 EXPRESSION

(57) Abstract: Antisense compounds, compositions and methods are provided for modulating the expression of sterol regulatory element-binding protein-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding sterol regulatory element-binding protein-1. Methods of using these compounds for modulation of sterol regulatory element-binding protein-1 expression and for treatment of diseases associated with expression of sterol regulatory element-binding protein-1 are provided.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/17638

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34; C12N 15/63; C07H 21/02, 21/04; A01N 43/04

US CL : 435/6, 91.1, 91.31, 455; 514/44; 536/23.1, 24.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 91.1, 91.31, 455; 514/44; 536/23.1, 24.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

West, Dialog

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	YOKOYAMA et al. SREBP-1, a basic helix loop helix leucine zipper protein that controls transcription of the low density lipoprotein receptor gene, Cell. 08 October 1993, Vol. 75, pages 187-197, 1993, see especially figure 1, page 188, text in left column, page 194.	1-14
Y	MILNER, N. et al. Selecting effective antisense reagents on combinatorial oligonucleotide arrays. Nature Biotech. June 1997, Vol. 15, pages 537-541, 1997, see entire document, esp. pages 538-539.	1-14
Y	US 5,877,309 A (McKAY et al) 02 March 1999, see especially col. 6-13.	3-14

Further documents are listed in the continuation of Box C. See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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